

IN THE CLAIMS

For the Examiner's convenience, all of the claims pending in the subject application are reproduced below.

1. (Previously Presented) An ink jet recording head comprising:

a recording element base plate provided with a plurality of recording elements for discharging recording liquid, and a plurality of supply ports arranged on a face opposite to a surface having said recording elements thereon for supplying the recording liquid to said recording elements;

at least one recording element unit having a portion for incorporating said recording element base plate, and a wiring base plate to apply electric pulses to said recording element base plate for discharging the recording liquid when connected with said recording element base plate; and

a supporting member for holding and fixing said recording element base plate,

wherein said supporting member is provided with a plurality of supply flow paths for supplying the recording liquid to said supply ports of said recording element base plate, respectively, and a width of each of said supply flow paths is formed so as to be smaller than an opening width of an inlet portion of each of said supply ports.

2. (Previously Presented) An ink jet recording head according to Claim 1,

wherein each of said supply ports of said recording element base plate is formed in a tapered

fashion so as to make a width thereof decrease gradually from the inlet portion thereof to an outlet portion thereof.

3. (Previously Presented) An ink jet recording head according to Claim 1, wherein said recording element base plate and said supporting member are bonded together by use of a bonding agent.

4. (Previously Presented) An ink jet recording head according to Claim 3, wherein steps formed between respective ones of said supply flow paths and said supply ports are covered by the bonding agent.

5. (Previously Presented) An ink jet recording head according to Claim 3, wherein the bonding agent has a property of being hardened by irradiation of ultraviolet rays and a property of being hardened by heating.

6. (Previously Presented) An ink jet recording head according to Claim 5, wherein a discharge port plate arranged to face said recording element base plate for discharging the recording liquid is formed from a transparent material.

7. (Previously Presented) An ink jet recording head according to Claim 1, further comprising a supporting plate arranged between said wiring base plate and said supporting member to hold and fix said wiring base plate.